

MINNESOTA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN FOR WETLAND POND CONSTRUCTION

LOCATED ON C.S.A.H. 22 FROM _____ TO _____

STATE PROJ. NO. _____
 MINN. PROJ. NO. _____
 GROSS LENGTH N/A FEET _____ MILES _____
 BRIDGES-LENGTH _____ FEET _____ MILES _____
 EXCEPTIONS-LENGTH _____ FEET _____ MILES _____
 NET LENGTH _____ FEET _____ MILES _____
 MILE POINT _____ TO MILE POINT _____

STATE PROJ. NO. _____
 MINN. PROJ. NO. _____
 GROSS LENGTH _____ FEET _____ MILES _____
 BRIDGES-LENGTH _____ FEET _____ MILES _____
 EXCEPTIONS-LENGTH _____ FEET _____ MILES _____
 NET LENGTH _____ FEET _____ MILES _____
 MILE POINT _____ TO MILE POINT _____

FED. PROJ. NO. _____

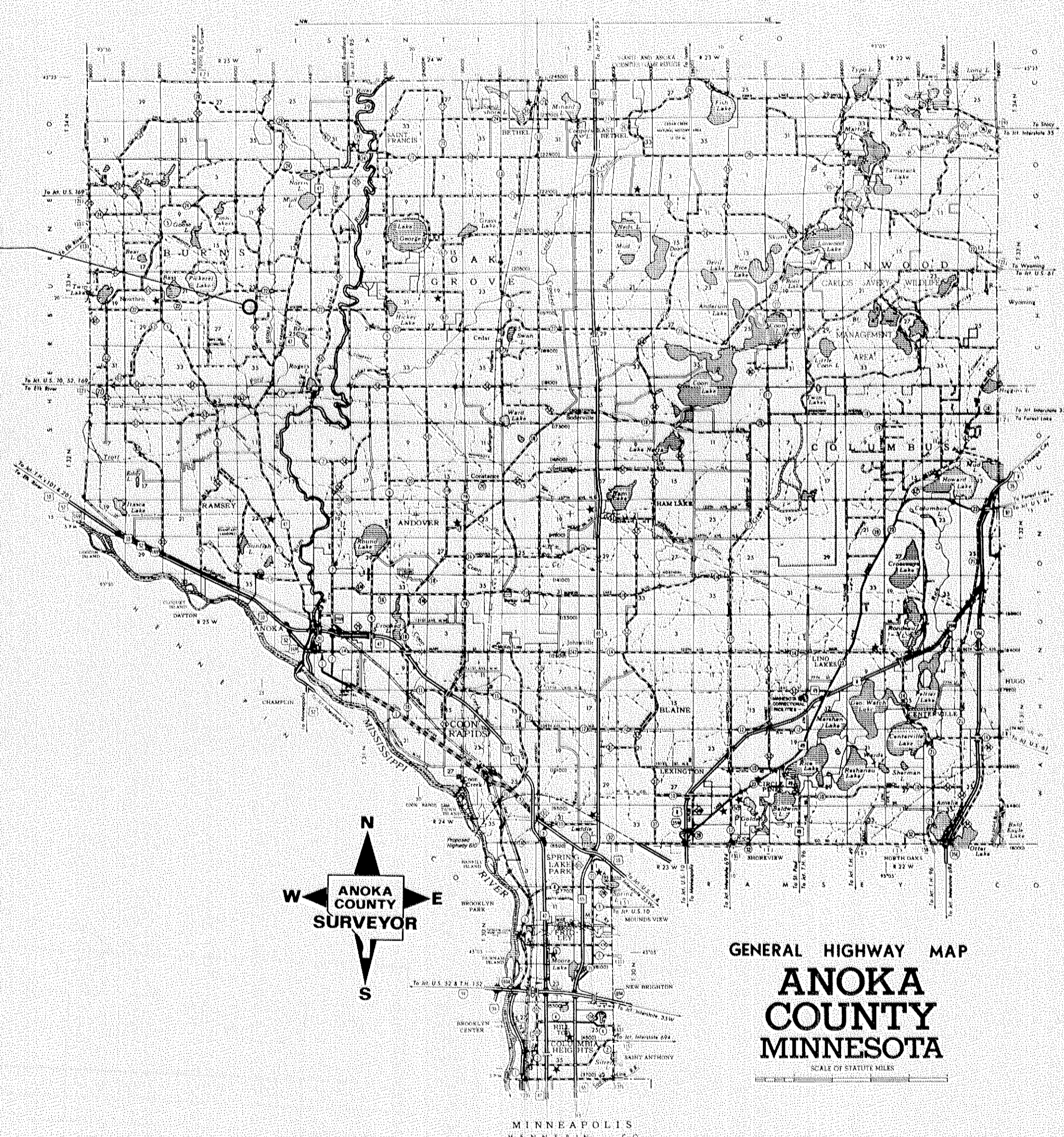
GOVERNING SPECIFICATIONS

THE 1983 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATION FOR CONSTRUCTION" AND SUPPLEMENTAL SPECIFICATIONS, DATED MAY 19, 1987 SHALL GOVERN

INDEX

PROJECT C.P. 88-05-22

See Revised Plan for the Construction of C.S.A.H. 22, TH. 47. Construction was deleted from this plan. Mike G.

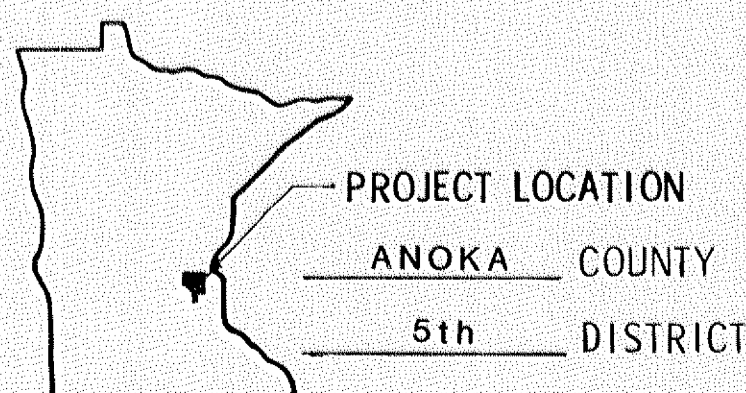


SCALE

INDEX MAP 2.66 MI.
 PLAN & PROFILE { HORIZ. _____
 VERT. _____
 CROSS SECTIONS _____
 SIGNAL _____

DESIGN DATA

ADT (Current Year) = N/A
 ADT (Future Year) = _____
 DHV (Design Hr. Vol.) = _____
 D (Directional Distr.) = _____
 T (Heavy Commercial) = _____
 Soil Factor = _____
 Design Speed _____ MPH
 Based on _____ Sight Distance
 Height of eye _____ Height of object
 Design Speed not achieved at: _____
 STA. _____ TO STA. _____ MPH
 STA. _____ TO STA. _____ MPH



FOR PLANS AND UTILITIES SYMBOLS SEE TECHNICAL MANUAL

STATE PROJ. NO. _____ AREA _____ JOB _____

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 DATE Jan. 22, 1988 REG. NO. 6549 ENGR. Paul K. Lund
 COUNTY ENGINEER

DESIGN SQUAD _____
 Right of Way Approval _____ 19 _____
 DIRECTOR, RIGHT OF WAY OPERATIONS
 Recommended for Approval _____ 19 _____
 Recommended for Approval _____ 19 _____
 Recommended for Approval _____ 19 _____
 DISTRICT ENGINEER
 Recommended for Approval _____ 19 _____
 TRANSPORTATION PLANS ENGINEER
 Recommended for Approval _____ 19 _____
 DESIGN SERVICES DIRECTOR
 Approved _____ 19 _____
 ASSISTANT DIVISION DIRECTOR
 TECHNICAL SERVICES DIVISION

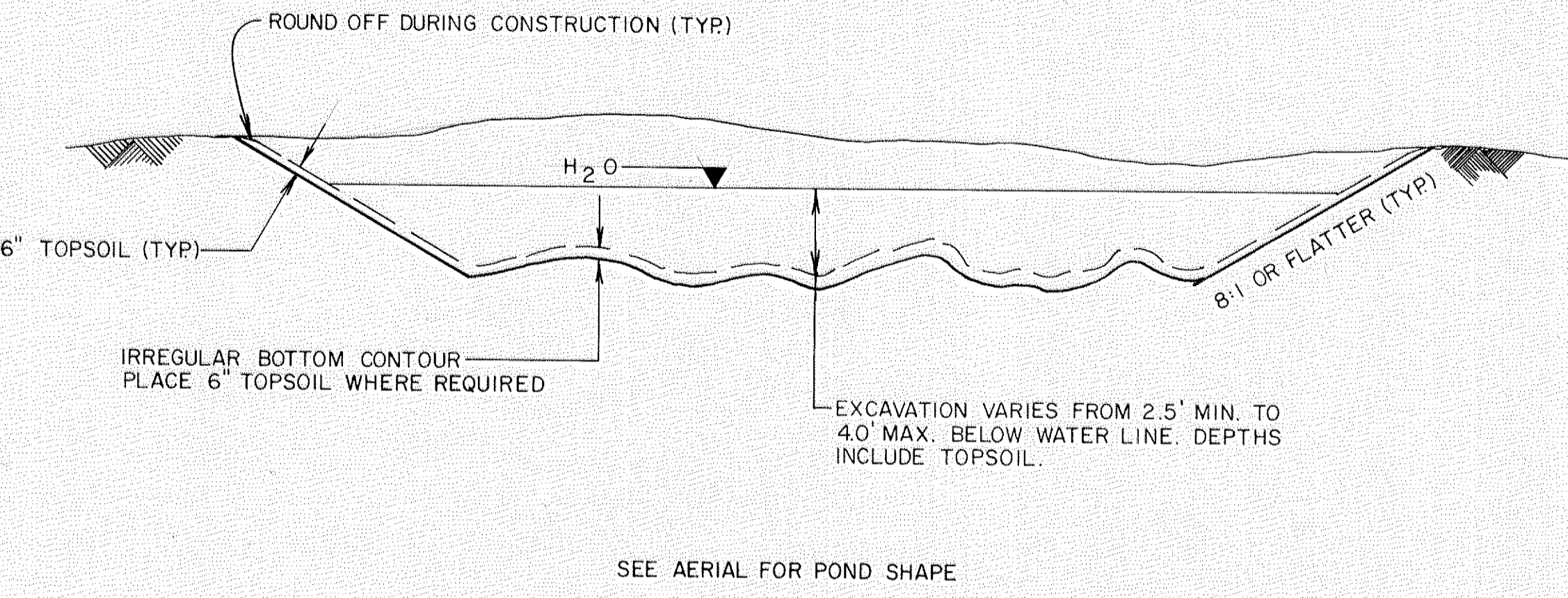
DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
APPROVED
 DIVISION ADMINISTRATOR _____ DATE _____

I HEREBY CERTIFY THAT THE FINAL FIELD REVISIONS, IF ANY, OF THIS PLAN WERE MADE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE _____ REG. NO. _____

STATE AID PROJ. NO. _____ COUNTY PROJ. NO. C.P. 88-05-22
 STATE PROJ. NO. _____ SHEET NO. 1 OF 2 SHEETS

**WETLAND MITIGATION PONDS
CONSTRUCTION DETAILS**

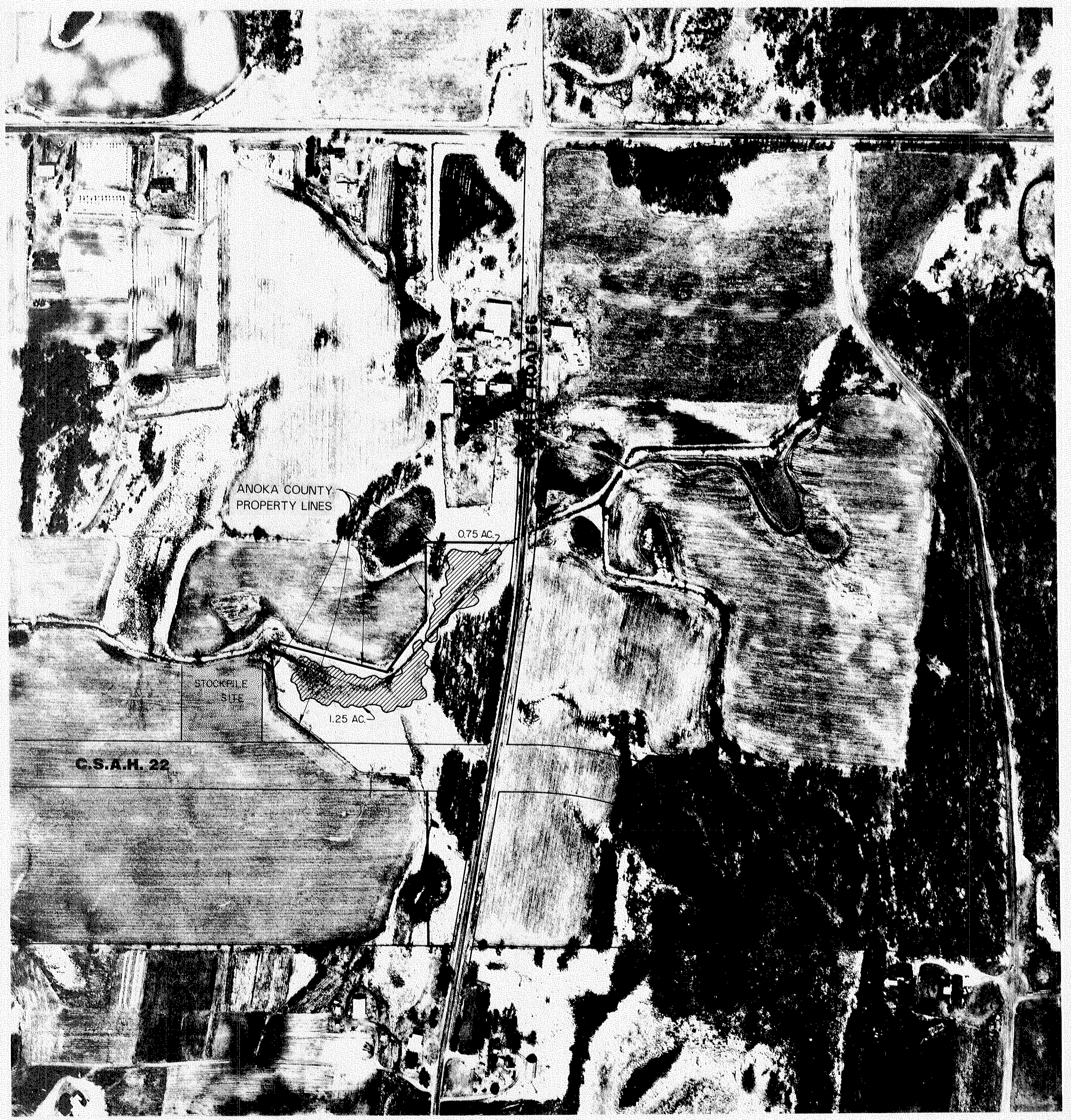
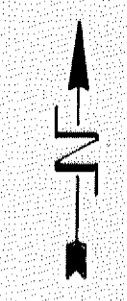


CONSTRUCTION NOTES:

THE CONTRACTOR SHALL CONSTRUCT THE WETLANDS TO A DEPTH OF 2.5' OVER 15% OF THE AREA, 3.5' OVER 55% OF THE AREA AND 4.0' OVER 30% OF THE AREA. (BELOW THE WATER LEVEL)
 THE CONTRACTOR SHALL THEN SPREAD, AS UNIFORM AS POSSIBLE, 6" OF THE TOPSOIL OVER THE BOTTOM OF THE WETLAND. (WHERE REQUIRED)
 THE CONTRACTOR SHALL REMOVE ALL EXCAVATED MATERIAL FROM THE WETLAND.
 THE SHAPE OF THE WETLANDS ARE ONLY APPROXIMATE, THE ENGINEER MAY ALTER THE SHAPE OF THE WETLANDS. ALL EXCAVATED MATERIAL SHALL BE STOCKPILED IN THE SITE PROVIDED BY ANOKA COUNTY. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO MUCK EXCAVATION AND NO ADDITIONAL COMPENSATION SHALL BE MADE.

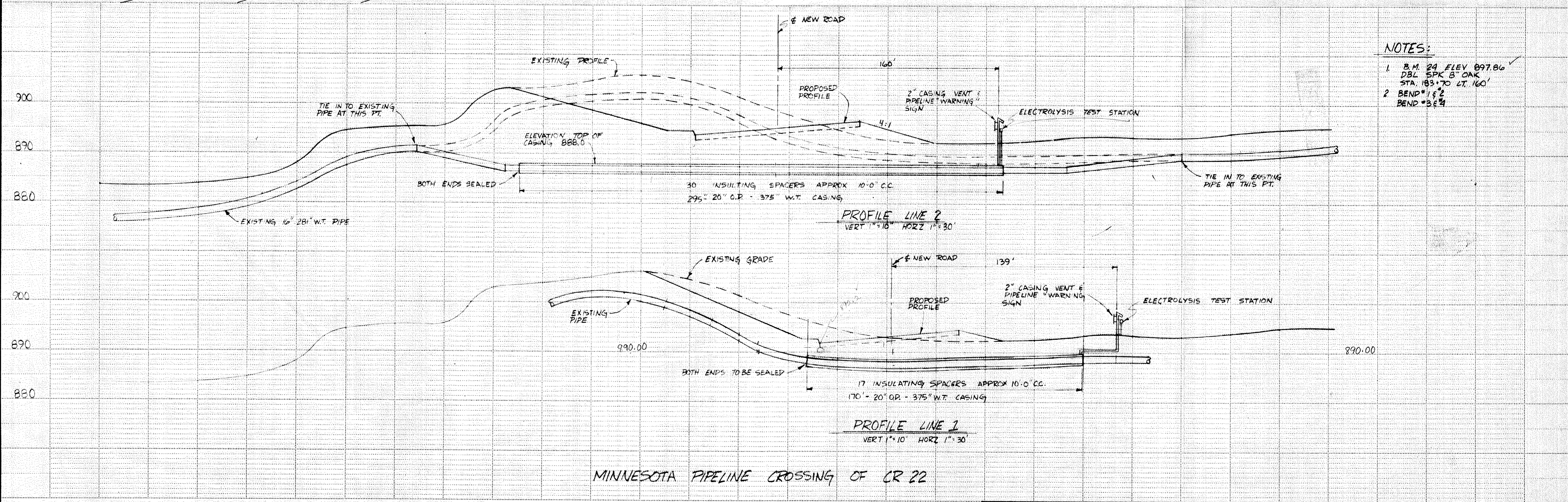
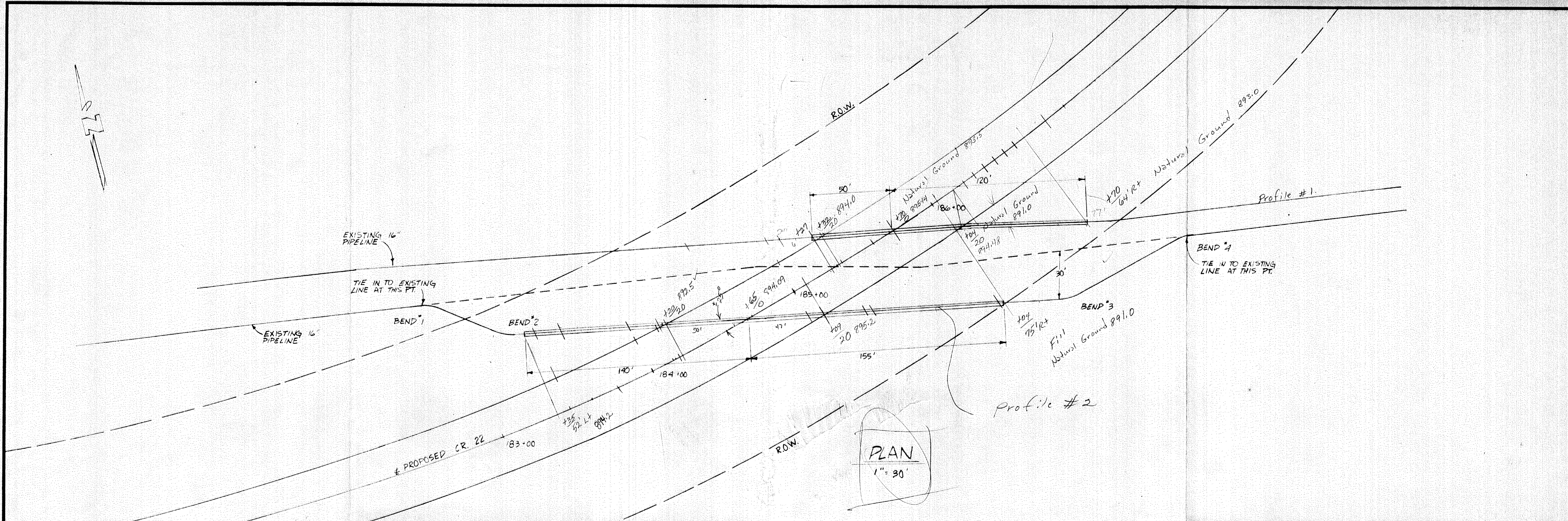
STATEMENT OF ESTIMATED QUANTITIES				
ITEM NO.	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES	TOTAL FINAL QUANTITIES
2105.505	MUCK EXCAVATION EV	CU. YD.	9,000	

DENOTES EXCAVATION AREAS



REVISIONS			
DATE	BY	DATE	BY

S.A.P S.P C.P 88-05-22



- NOTES:**
1. B.M. 24 ELEV 897.86
D.B.L. 8PK 8 C&K
STA. 183+70 TO 17+160'
 2. BEND #1 & 2
BEND #3 & 4

MINNESOTA PIPELINE CROSSING OF CR 22